

Title (en)  
MOBILE COMMUNICATION SYSTEM, MOBILE STATION APPARATUS, BASE STATION APPARATUS, MOBILE COMMUNICATION METHOD,  
PROGRAM AND RECORDING MEDIUM

Title (de)  
MOBILKOMMUNIKATIONSSYSTEM, MOBILSTATIONSVORRICHTUNG, BASISSTATIONSVORRICHTUNG,  
MOBILKOMMUNIKATIONSVERFAHREN, PROGRAMM UND AUFZEICHNUNGSMEDIUM

Title (fr)  
SYSTÈME DE COMMUNICATION MOBILE, APPAREIL STATION MOBILE, APPAREIL STATION DE BASE, MÉTHODE DE COMMUNICATION  
MOBILE, PROGRAMME ET SUPPORT D ENREGISTREMENT

Publication  
**EP 1916859 A1 20080430 (EN)**

Application  
**EP 06781589 A 20060725**

Priority  
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• JP 2005217296 A 20050727

Abstract (en)  
A mobile communication system that is a wireless communication system using the AMC scheme and does not require any transmission/reception of control signals between a base station apparatus and a mobile station apparatus during controlling of the transmission/reception of the mobile station apparatus. In this mobile communication system, the mobile station apparatus measures reception quality of a downlink signal transmitted by the base station apparatus, and uses an uplink control channel to transmit, to the base station apparatus, downlink signal quality information (CQI) corresponding to the measured reception quality. The base station apparatus receives the downlink signal quality information CQI to control the data transmission to the mobile station apparatus. The base station apparatus judges whether the downlink signal quality information CQI transmitted by the mobile station apparatus is present, and controls, based on the result of this judgment, the downlink signal to be transmitted to the mobile station apparatus.

IPC 8 full level  
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CPC (source: EP US)  
**H04L 1/0026** (2013.01 - EP US); **H04L 1/0033** (2013.01 - EP US); **H04L 1/1887** (2013.01 - EP US); **H04L 1/0003** (2013.01 - EP US);  
**H04L 1/1671** (2013.01 - EP US); **H04L 1/1812** (2013.01 - EP US); **H04L 2001/0093** (2013.01 - EP US)

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US8818438B2; US9055570B2; US9433002B2; EP2497299A2; US8140021B2; US8537777B2; US8688137B2; US9913160B2; US10299153B2;  
US8064917B2; US8064918B2; US8064922B2; US8103297B2; US8121045B2; US8208938B2; US8311004B2; US8325652B2; US8462657B2;  
US8693427B2; US8594035B2; US8634361B2; US8902846B2; US9155045B2; US9247498B2; US9445383B2; US9730266B2; US10015742B2;  
US10039153B2; US10075916B2; US10075915B2; US10085210B2; US10299206B2; US10299208B2; US10299207B2; US10299209B2;  
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